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REPORT

NMTBA
The Association For Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

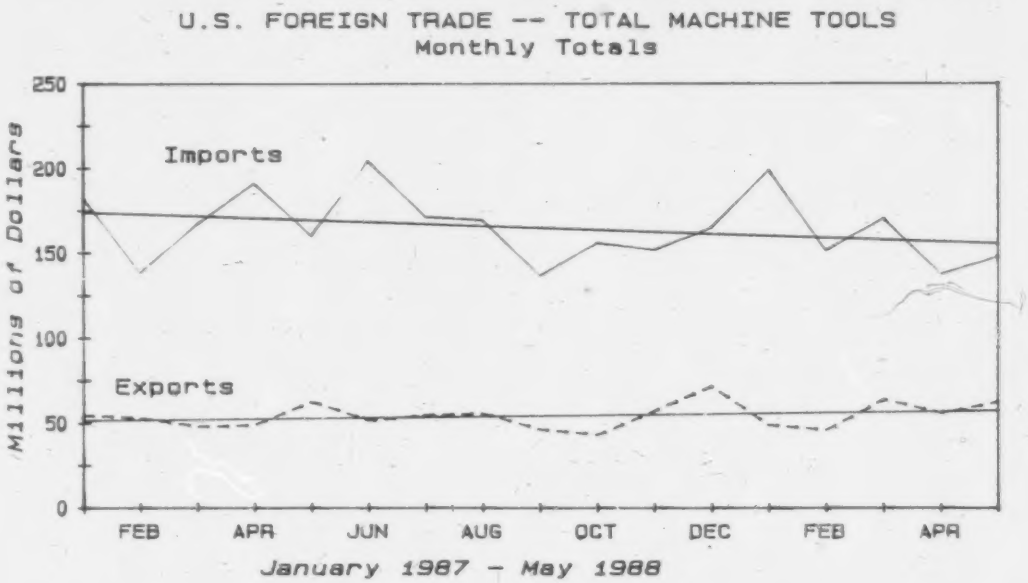
No. 113-88 September 2, 1988

U.S. FOREIGN TRADE IN MACHINE TOOLS - MAY 1988

U.S. machine tool exports totaled $279.4 million for the first five months of 1988, a rise of 4% from the same period last year. Year-to-date imports fell 4% to $807.4 million. U.S. exports rose 12% from the April 1988 total while machine tool imports increased 7%. The resulting machine tool trade deficit was $85.5 million for May bringing the year-to-date deficit to $528.0 million, down 8% from the same period last year.

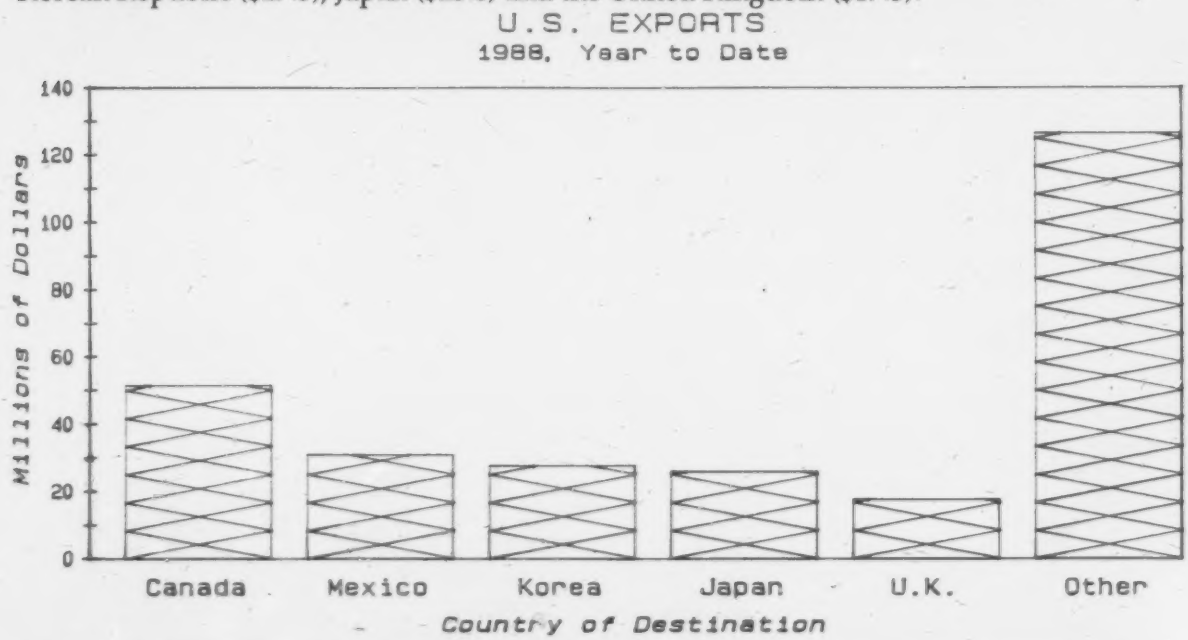
U.S. Machine Tool Trade
($Millions)

	May 1988			Five Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$34.5	$119.4	($84.9)	$151.3	$624.0	($472.7)
Metal Forming	$28.1	$ 28.7	($ 0.6)	$128.2	$183.4	($ 55.2)
Total	$62.6	$148.1	($85.5)	$279.4	$807.4	($528.0)

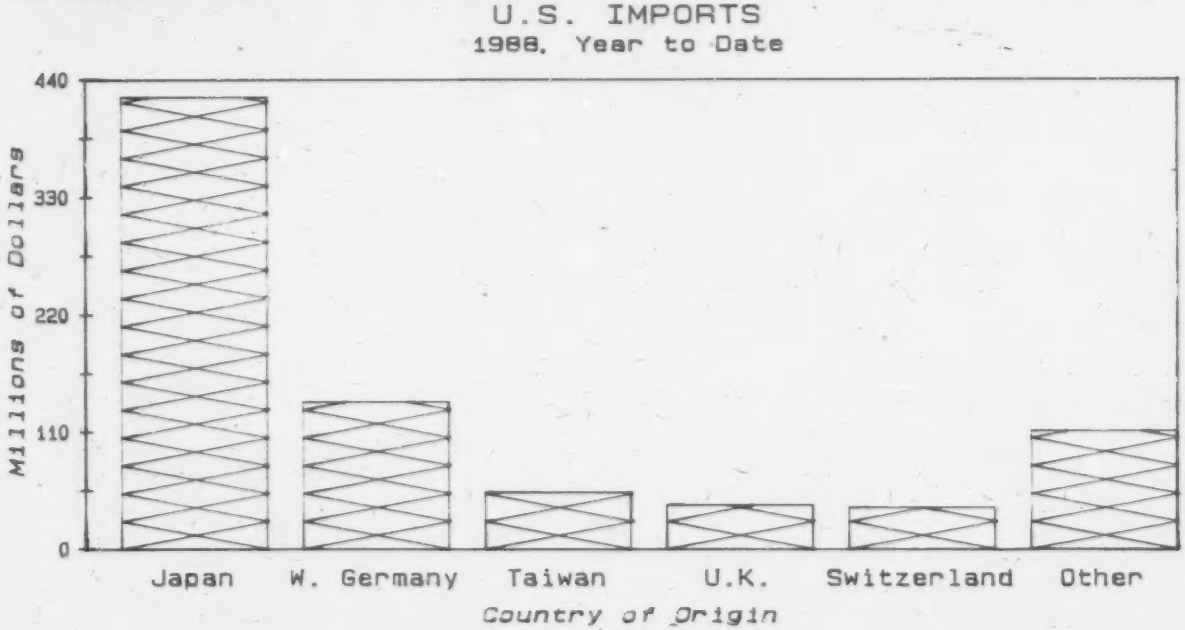


7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

Compared to April, U.S. exports of metal cutting machine tools jumped 23%. Exports of metal forming machines remained virtually unchanged from last month and stood at $28.1 million. Year-to-date exports of metal cutting machinery increased 2% from the same period last year while metal forming exports rose 7%. For January through May 1988, the leading export markets were (in millions): Canada ($51.4), Mexico ($30.8), the Korean Republic ($27.5), Japan ($25.8) and the United Kingdom ($17.5).



Compared to the first five months of 1987, U.S. imports of metal cutting machine tools fell 4% and metal forming imports dropped 3%. U.S. imports of both metal cutting and metal forming machine tools rose from last month's levels, up 8% and 5%, respectively. The leading exporters to the U.S. during the first five months of 1988 were (in millions): Japan ($423.8), West Germany ($138.5), Taiwan ($53.3), the United Kingdom ($41.6) and Switzerland ($39.0).



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

RELEASED: SEPTEMBER 2, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	32	4831	5	401
3035	Gear Shapers	5	1074	0	0
3045	Gear Cutting Machines, N.E.C.	18	1150	1	33
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	741	56314	93	9087
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	37	4318	2	237
3409	Horizontal Machining Centers, ATC, NC	332	49180	41	7456
3411	Machining Centers, NC, N.E.C.	131	34098	11	2375
3412	Single Station and Multi-Station Transfer Machines	102	24253	67	10770
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	23	2657	0	0
3419	Vertical Boring-Drilling-Milling Machines, NC	48	5788	3	2148
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	2	500	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	68	2667	13	104
3328	Drilling Machines, NC	103	4308	29	1340
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422	11	191
3334	Drilling Machines, Radial, Non-NC	57	360	24	103
3336	Drilling Machines, Upright, Single Spindle, Non-NC	65	418	4	47
3342	Drilling Machines, Non-NC, N.E.C.	179	7237	20	345
3464	Milling Machines, NC	131	15588	36	1556
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	367	1	89
3467	Milling Machines, Knee Type, Non-NC	1272	7716	223	1827
3468	Milling Machines, Bed Type, Non-NC	138	5077	32	285
3469	Milling Machines, Non-NC, N.E.C.	1039	18597	222	6728
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591	1	58
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	25	1098	0	0
3481	Boring Machines, NC, N.E.C.	4	907	0	0
3483	Boring Machines, Non-NC N.E.C.	155	3780	16	459
3504	Horizontal Lathes, Multi-Spindle, NC	65	7284	12	1286
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1354	87274	265	18329
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	185	20910	42	3425
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	41	2452	28	532
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1088	9972	266	2133
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	4	718	1	58
3515	Automatic Bar Machines, Single Spindle, Non-NC	62	1866	5	226
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	34	1470	2	85
3518	Horizontal Lathes, Non-NC, N.E.C.	76	2154	2	20
3505	Vertical Lathes, Multi-Spindle, NC	21	1657	1	166
3519	Vertical Lathes, NSPF, NC	61	5583	12	2059
3522	Vertical Lathes, Excl. VTL's, Non-NC	405	8954	121	2415
3527	Gear Tooth Grinding & Finishing Machines	251	12322	29	1661
3528	Tool & Cutter Grinding Machines, NC	29	1322	2	150
3529	Tool & Cutter Grinding Machines, Non-NC	502	20752	77	1829
3533	Honing & Lapping Machines	183	12581	58	3056
3539	Grinding Machines, Flat Surface, NC	23	2216	7	959
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	245	3610	71	857
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1062	11113	218	1746
3546	Grinding & Polishing Machines, NC, N.E.C.	76	8897	8	1360
3554	External Grinding Machines, Non-NC	154	4892	30	947
3556	Internal Grinding Machines, Non-NC	25	1999	13	1219
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	73	1757	6	122
3559	Grinding Machines, Non-NC, N.E.C.	477	13154	69	2889
3562	Traveling Wire Electrical Discharge Machines	348	23503	39	3366
3564	All Other Electrical Discharge Machines	160	8156	37	1319
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	40	5106	6	898
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	451	3260	158	1695
3576	Metal Cutting Machines Tools, NC, N.E.C.	112	7575	10	3472
3577	Sawing & Cut-Off Machines, Non-NC	675	10503	161	1647
3578	Broaching Machines, Non-NC	107	1372	4	205
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	633	16686	145	3960
4000	Metal Cutting Machine Tools, Used or Rebuilt*	887	8837	138	1644
5000	Metal Cutting Machine Tools, Less Than $2500**	369836	38923	70699	8067
	TOTAL CUTTING			73597	119435
	TOTAL CUTTING YTD	384511	624012		
674:	METAL FORMING				
1010	Die Casting Machines	225	17500	52	3955
3582	Metal Forming Machine Tools, Used or Rebuilt	254	2420	31	490
3583	Metal Forming Machine Tools, Less Than $2500	11232	4664	1659	698
3584	Punching and Shearing Machines, Incl. Combination, NC	125	13321	18	2632
3586	Shearing Machines, Non-NC	274	4779	59	933
3587	Punching & Combination Punching & Shearing Machines, Non-NC	228	4282	34	547
3588	Bending, Folding, Straightening & Flattening Machines, NC	131	7214	14	1738
3589	Press Brakes, Non-NC	255	6137	46	1135
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	47	767	15	292
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	452	13789	93	3839
3593	Metal Forming Machine Tools, NC, N.E.C.	26	20630	4	695
3594	Mechanical Presses, Non-NC	220	28209	23	3693
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	29	1363	4	115
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	326	12967	46	2123
3597	Headers & Upsetters, Non-NC	19	2918	1	17
3598	Forging Machines, Non-NC, N.E.C.	38	10856	2	67
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1105	31588	240	5745
	TOTAL FORMING			2341	28713
	TOTAL FORMING YTD	14986	183400		
	TOTAL ALL TYPES			75938	148148
	TOTAL ALL TYPES YTD	399497	807412		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	1	30	0	0	1	6
3466	0	0	0	0	0	0	0	0	1	450
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	12	56
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	12	107
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	1	9
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	58	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	1	42	0	0	0	0	0	0	0	0
3522	27	637	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	1	92
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	2	6	1	22	4	72
3539	0	0	0	0	0	0	14	249	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	16	69	0	0	0	0	0	0	18	169
3546	0	0	0	0	0	0	1	11	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	1	57	4	51
3558	0	0	0	0	0	0	0	0	0	0
3559	3	127	0	0	7	52	15	44	4	138
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	6	151	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	6	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	1	3	19	85
3578	0	0	0	0	0	0	0	0	0	0
3579	2	85	0	0	0	0	22	91	0	0
4000	0	0	4	8	0	0	0	0	4	43
5000	363	367	46	5	11	13	327	240	964	198
CUT MO.	412	1327	50	13	21	101	390	932	1046	1514
CUT YTD	1666	3819	260	1079	217	689	1830	3995	4180	13941
1010	0	0	0	0	0	0	0	0	16	4
3582	0	0	0	0	0	0	0	0	0	0
3583	12	2	9	7	5	12	41	55	4	7
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	16	237	0	0	0	0	2	7
3587	0	0	0	0	0	0	0	0	18	336
3588	0	0	0	0	0	0	1	314	0	0
3589	0	0	6	215	0	0	0	0	7	27
3591	0	0	0	0	0	0	0	0	1	7
3592	0	0	1	5	1	170	0	0	20	448
3593	0	0	0	0	0	0	0	0	1	350
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	1	3	0	0	2	76	1	9
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	53
3599	2	52	10	318	0	0	38	326	50	1397
FRM MO.	14	54	43	785	6	182	82	771	121	2645
FRM YTD	16	138	577	5260	42	482	477	2822	1488	12477
TOT MO.	426	1381	93	798	27	283	472	1703	1167	4159
TOT YTD	1682	3957	837	6339	259	1171	2307	6817	5668	26418

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

674:	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	1	284
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	1	118	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	1	68
3328	0	0	0	0	9	53	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	18	55	0	0	0	0
3336	0	0	0	0	1	4	2	25	0	0
3342	0	0	0	0	0	0	0	0	1	9
3464	0	0	0	0	14	138	1	29	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	85	420	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	1	17	1	152
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	29	0	0	0	0	0	0	1	289
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	1	156	0	0	0	0
3510	0	0	0	0	0	0	25	465	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	188
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	166
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	4	296
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	4	327
3533	0	0	0	0	0	0	2	168	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	1	7	1	208
3546	0	0	0	0	0	0	0	0	2	379
3554	0	0	0	0	0	0	0	0	10	713
3556	0	0	0	0	0	0	0	0	0	0
3558	2	28	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	1	33
3562	0	0	0	0	0	0	0	0	5	598
3564	0	0	0	0	0	0	0	0	1	122
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	1	35
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	4	89
4000	0	0	0	0	28	267	1	2	25	201
5000	41	4	0	0	129	21	126	184	198	24
CUT MO	45	179	0	0	285	1114	159	897	263	4177
CUT YTD	4230	1987	22	38	931	7226	779	2859	1805	29664
1010	0	0	0	0	0	0	0	0	0	0
3582	1	53	0	0	0	0	0	0	4	70
3583	0	0	0	0	116	21	20	30	45	9
3584	0	0	0	0	0	0	0	0	3	152
3586	1	7	1	23	17	150	0	0	0	0
3587	0	0	1	50	0	0	7	77	0	0
3588	0	0	0	0	0	0	0	0	1	32
3589	0	0	9	91	0	0	0	0	0	0
3591	0	0	0	0	0	0	6	88	0	0
3592	0	0	0	0	0	0	0	0	1	8
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	25
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	145	2	420
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	5	47	2	118	10	797
FRM MO	2	60	11	164	138	218	37	458	67	1513
FRM YTD	30	940	40	403	413	1330	436	2016	722	9369
TOT MO	47	239	11	164	423	1332	196	1355	330	5690
TOT YTD	4260	2927	62	441	1344	8556	1215	4875	2527	39033

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

674	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	33	0	0	0	0	0	0
3404	4	403	4	423	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	1	82	2	221	0	0	0	0	0	0
3412	0	0	66	10486	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	1	67	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	1	18	0	0
3342	0	0	2	117	0	0	3	24	0	0
3464	0	0	1	134	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	12	45	0	0	0	0	0	0
3469	138	1039	16	4920	0	0	0	0	1	15
3476	1	58	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	1	11	0	0	1	23	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	8	1358	0	0	0	0	0	0
3508	0	0	1	81	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	35	446	0	0	20	143	1	6	44	343
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	7	0	0	0	0	0	0
3516	1	56	0	0	0	0	1	29	0	0
3518	1	14	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	9	297	2	6	0	0	21	179	0	0
3527	1	12	3	540	0	0	0	0	0	0
3528	1	98	0	0	0	0	1	52	0	0
3529	22	774	22	500	0	0	0	0	0	0
3533	20	252	1	103	0	0	1	6	0	0
3539	0	0	1	294	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	15	277	12	63	0	0	0	0
3546	0	0	1	265	0	0	0	0	0	0
3554	10	68	0	0	0	0	0	0	0	0
3556	0	0	4	355	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	11	1470	6	83	0	0	1	3	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	2	94	0	0	0	0	0	0
3567	0	0	1	197	0	0	0	0	0	0
3571	3	482	0	0	0	0	1	14	0	0
3576	0	0	3	3242	0	0	0	0	0	0
3577	59	165	5	107	0	0	12	104	0	0
3578	2	176	2	29	0	0	0	0	0	0
3579	13	569	21	967	0	0	22	166	0	0
4000	35	154	13	174	0	0	7	22	0	0
5000	440	96	1734	200	0	0	312	178	2	5
CUT MO.	807	6711	1952	25336	32	206	385	824	47	363
CUT YTD	6021	34284	6304	114730	155	796	4507	6325	253	1383
1010	3	2	9	433	0	0	12	201	0	0
3582	3	38	0	0	0	0	9	160	0	0
3583	6	12	228	128	0	0	88	43	0	0
3584	0	0	2	436	0	0	0	0	0	0
3586	7	48	2	19	0	0	4	107	0	0
3587	0	0	6	57	0	0	2	27	0	0
3588	3	347	2	271	0	0	1	35	0	0
3589	2	10	0	0	0	0	15	435	0	0
3591	6	34	0	0	0	0	2	163	0	0
3592	1	8	7	180	0	0	28	342	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	2	217	0	0	0	0	0	0	0	0
3595	0	0	2	103	0	0	1	5	0	0
3596	1	103	7	734	0	0	21	278	0	0
3597	0	0	0	0	0	0	1	17	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	6	204	38	378	0	0	21	480	4	22
FRM MO.	40	1023	303	2739	0	0	205	2293	4	22
FRM YTD	554	7296	2358	23742	0	0	773	20525	14	58
TOT MO.	847	7734	2255	28075	32	206	590	3117	51	385
TOT YTD	6575	41580	8662	138472	155	796	5280	26850	267	1441

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	337	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	69	7301	1	35	0	0
3406	0	0	0	0	1	168	0	0	0	0
3409	0	0	0	0	40	7420	1	36	0	0
3411	0	0	0	0	8	2072	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	1963	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	20	1287	0	0	0	0
3329	0	0	0	0	11	191	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	9	127	0	0	0	0
3464	0	0	0	0	2	274	0	0	0	0
3466	0	0	0	0	1	89	0	0	0	0
3467	0	0	0	0	18	852	0	0	0	0
3468	0	0	0	0	4	119	0	0	0	0
3469	26	110	0	0	16	228	2	35	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	12	1286	0	0	0	0
3506	0	0	0	0	237	16240	7	319	4	34
3508	0	0	0	0	39	3121	0	0	0	0
3510	0	0	0	0	3	67	0	0	0	0
3512	13	88	0	0	0	0	48	335	14	129
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	8	1912	3	105	0	0
3522	49	175	0	0	8	832	4	197	0	0
3527	0	0	0	0	15	760	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	4	19	0	0	0	0
3533	0	0	0	0	20	2278	0	0	0	0
3539	0	0	0	0	2	478	2	153	0	0
3541	0	0	0	0	0	0	0	0	44	654
3543	0	0	0	0	29	445	0	0	0	0
3546	0	0	0	0	5	716	0	0	0	0
3554	0	0	0	0	1	27	0	0	0	0
3556	2	16	0	0	6	800	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	1	16	0	0	10	861	0	0	0	0
3562	0	0	0	0	34	2768	0	0	0	0
3564	0	0	0	0	15	812	0	0	0	0
3567	0	0	0	0	5	701	0	0	0	0
3571	0	0	0	0	153	1193	0	0	0	0
3576	0	0	0	0	7	230	0	0	0	0
3577	1	4	4	200	22	761	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	58	1977	0	0	0	0
4000	0	0	0	0	8	551	1	4	0	0
5000	83	165	9	1	5488	1042	50	35	0	0
CUT MO	175	574	13	201	6391	62305	119	1254	62	817
CUT YTD	11690	2244	228	708	26598	333489	1342	5920	345	3104
1010	0	0	0	0	12	3315	0	0	0	0
3582	0	0	0	0	14	169	0	0	0	0
3583	1	2	1	2	77	107	0	0	0	0
3584	0	0	0	0	13	2044	0	0	0	0
3586	0	0	0	0	6	298	0	0	3	37
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	4	638	0	0	0	0
3589	0	0	0	0	6	345	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	34	2678	0	0	0	0
3593	0	0	0	0	3	345	0	0	0	0
3594	0	0	0	0	18	3386	0	0	0	0
3595	0	0	0	0	1	7	0	0	0	0
3596	0	0	0	0	6	261	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	11	30	35	1517	6	20	0	0
FRM MO	1	2	12	32	229	15110	6	20	3	37
FRM YTD	3	60	53	727	1778	90325	39	95	270	879
TOT MO	176	576	25	233	6620	77415	125	1274	65	854
TOT YTD	11693	2304	281	1435	28376	423814	1381	6015	615	3983

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

674:	TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	3	64
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	15	925	0	0	0	0
3406	1	69	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	12	40	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	6	48	0	0	0	0
3336	0	0	0	0	0	0
3342	2	25	0	0	1	7
3464	17	531	0	0	0	0
3466	0	0	0	0	0	0
3467	120	555	0	0	0	0
3468	16	121	0	0	0	0
3469	5	113	1	12	3	31
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	9	378	0	0	0	0
3508	1	67	0	0	0	0
3510	0	0	0	0	0	0
3512	76	506	0	0	14	128
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	3	31	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	0	0
3527	6	53	0	0	0	0
3528	0	0	0	0	0	0
3529	18	109	0	0	0	0
3533	0	0	0	0	0	0
3539	2	34	0	0	0	0
3541	9	34	0	0	0	0
3543	143	666	0	0	0	0
3546	0	0	0	0	0	0
3554	4	31	0	0	0	0
3556	0	0	0	0	1	48
3558	0	0	0	0	3	56
3559	9	59	0	0	1	3
3562	0	0	0	0	0	0
3564	0	0	13	140	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	37	183	0	0	0	0
3578	0	0	0	0	0	0
3579	3	16	0	0	0	0
4000	4	10	0	0	8	208
5000	55385	5103	13	19	4978	167
CUT MO	55904	9713	27	171	5012	712
CUT YTD	271353	50833	186	775	39609	4139
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	874	203	0	0	132	58
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	2	101
3589	0	0	0	0	1	12
3591	0	0	0	0	0	0
3592	0	0	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	2	65
3595	0	0	0	0	0	0
3596	2	27	0	0	1	67
3597	0	0	0	0	0	0
3598	1	14	0	0	0	0
3599	1	35	0	0	1	4
FRM MO	878	279	0	0	139	307
FRM YTD	4572	2418	5	208	326	1834
TOT MO	56782	9992	27	171	5151	1019
TOT YTD	275925	53251	191	983	39935	5973

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	6	65	0	0	6	65
EAST GERMANY	9	194	1	4	10	198
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	2	101	2	101
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	1	7	0	0	1	7
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	60	1	60
POLAND	12	101	0	0	12	101
ROMANIA	0	0	0	0	0	0
USSR	1	1	0	0	1	1
OTHER EUROPE	90	33	0	0	90	33
TOTAL	119	401	4	165	123	566
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	4890	307	32	56	4922	363
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	4890	307	32	56	4922	363
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	52	11	52	11
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	52	11	52	11

U.S. IMPORTS OF MACHINE TOOLS- TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	3	4	0	0	3	4
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	3	4	0	0	3	4
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	1	67	1	67
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	50	8	50	8
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	51	75	51	75

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

RELEASED: SEPTEMBER 2, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	57	4091	3	960
3045	Gear Cutting Machines, N.E.C.	21	4127	9	2016
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	64	4294	7	800
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	7	1606	0	0
3209	Horizontal Machining Centers, ATC, NC	8	2409	2	808
3211	Machining Centers, NC, N.E.C.	35	2910	8	413
3216	Single Station and Multi-Station Transfer Machines	12	9221	3	2415
3225	Way Type Machines (Unit Heads)	5	415	1	70
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	2	1112	1	600
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	2	218	1	68
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	7	180	1	88
3254	Drilling Machines, NC	10	602	8	325
3255	Drilling Machines, Multi-Spindle, Non-NC	9	593	3	243
3256	Drilling Machines, Radial, Non-NC	11	468	3	209
3257	Drilling Machines, Upright, Single Spindle, Non-NC	6	248	4	231
3258	Drilling Machines, Non-NC, N.E.C.	38	1159	6	579
3264	Milling Machines, NC	8	1264	4	543
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	16	1863	6	888
3267	Milling Machines, Knee Type, Non-NC	2	88	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	61	3686	18	827
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	34	1614	7	209
3281	Boring Machines, NC, N.E.C.	3	210	0	0
3283	Boring Machines, Non-NC, N.E.C.	59	2909	22	852
3503	Horizontal Lathes, Multi-Spindle, NC	27	5731	5	3249
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	57	4275	9	673
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	16	2592	4	744
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	41	1378	7	101
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	14	1524	2	205
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478	2	92
3515	Automatic Bar Machines, Single-Spindle, Non-NC	15	136	2	9
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	21	798	3	135
3518	Horizontal Lathes, Non-NC, N.E.C.	138	3768	21	521
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	2	283	1	48
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	113	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	38	1783	7	457
3528	Grinding, Polishing, Honing & Lapping Machines, NC	60	8413	5	1205
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	32	1193	7	251
3531	Tool & Cutter Grinding Machines, Non-NC	156	2461	27	230
3532	Honing & Lapping Machines, Non-NC	286	3196	83	769
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	47	776	13	213
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	113	8144	22	1420
3541	External Grinding Machines, Non-NC	8	475	2	49
3542	Internal Grinding Machines, Non-NC	16	2779	3	555
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	108	5421	6	707
3546	Grinding Machines, Non-NC, N.E.C.	118	4947	27	254
3547	Traveling Wire Electrical Discharge Machines	3	190	0	0
3549	All Other Electrical Discharge Machines	87	783	16	217
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218	1	37
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	39	1313	7	192
3559	Metal Cutting Machine Tools, NC, N.E.C.	69	2960	9	602
3565	Sawing & Cut-Off Machines, Non-NC	216	2953	50	787
3566	Broaching Machines, Non-NC	7	1120	5	1061
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	125	3143	17	284
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2519	23654	683	4266
5000	Metal Cutting Machine Tools, Less Than $2500**	12736	6831	5201	2021
	TOTAL CUTTING			6364	34484
	TOTAL CUTTING YTD	17612	151262		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	6951	0	1513
3568	Metal Forming Machine Tools, Used Or Rebuilt	405	4736	38	1380
3569	Metal Forming Machine Tools, Less Than $2500	3307	2069	654	389
3571	Punching & Shearing Machines, Incl. Combination, NC	49	8284	14	2979
3573	Shearing Machines, Non-NC	56	1271	11	177
3575	Punching & Combination Punching & Shearing Machines, Non-NC	388	9871	68	1468
3578	Bending, Folding, Straightening & Flattening Machines, NC	57	2568	14	652
3582	Press Brakes, Non-NC	37	1997	10	958
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	452	14213	126	4265
3588	Mechanical Presses	134	11057	25	2398
3589	Hydraulic Presses, Vertical, Single Action	41	2498	20	772
3590	Hydraulic & Pneumatic Presses	489	21804	84	4419
3594	Headers & Upsetters, Non-NC	42	10405	3	712
3595	Forging Machines, Non-NC, N.E.C.	34	994	6	107
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	481	28275	83	5915
	TOTAL FORMING			1156	28104
	TOTAL FORMING YTD	5981	128151		
	TOTAL ALL TYPES			7520	62588
	TOTAL ALL TYPES YTD	23593	279413		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	102	0	0
3204	0	0	0	0	0	0	2	371	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	2	82	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	5	384	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	3	36	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	2	122	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	25	0	0
3565	0	0	0	0	0	0	0	0	1	11
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	14	8	5	56	0	0	28	395	0	0
5000	8	5	37	11	0	0	5	3	0	0
CUT MO.	22	13	47	451	0	0	44	1136	1	11
CUT YTD	56	231	127	2133	4	376	198	2624	11	540
1011	0	4	0	0	0	0	0	42	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	50	8	0	0	43	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	4	58	0	0
3578	0	0	0	0	0	0	1	33	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	25	1	9	1	7
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	4	39	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	91	0	0	0	0	0	0
FRM MO.	0	4	54	99	1	25	53	189	1	7
FRM YTD	1	96	92	772	8	155	247	3918	11	194
TOT MO.	22	17	101	550	1	25	97	1325	2	18
TOT YTD	57	327	219	2905	12	531	445	6542	22	734

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674:	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	1	600
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	3	103	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	1	176	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	436	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	2	89	0	0
3518	0	0	1	25	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	42	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	15	86	1	8	1	15	2	27	2	15
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	158	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	28	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	10	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	41	143	3	8	0	0	0	0	2	20
5000	0	0	14	9	0	0	30	19	1	2
CUT MO.	67	1172	19	50	1	15	35	145	6	637
CUT YTD	306	4154	140	973	1	15	216	1087	107	1246
1011	0	8	0	2	0	0	0	22	0	27
3568	2	35	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	2	378	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	3	146	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	18	281	0	0	0	0	10	472	0	0
3588	2	247	0	0	0	0	1	399	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	8	357	0	0	2	96	3	270
FRM MO.	25	717	10	737	0	0	13	989	3	297
FRM YTD	67	3647	69	2231	0	0	51	3178	72	647
TOT MO.	92	1889	29	787	1	15	48	1134	9	934
TOT YTD	373	7801	209	3204	1	15	267	4265	179	1893

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	880	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	2	199	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	83	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	5	0	0	0	0	0	0
3257	0	0	4	231	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	154	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	124	0	0	0	0	0	0
3507	0	0	2	265	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	32	4	320	0	0	1	24	0	0
3521	1	48	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	215	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	2	73	0	0
3531	0	0	1	18	0	0	4	25	0	0
3532	0	0	4	29	0	0	18	191	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	12	147	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	70	0	0	0	0	0	0	0	0
3559	0	0	1	169	0	0	0	0	0	0
3565	1	16	1	9	0	0	3	51	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	3	0	0
4000	5	14	17	283	0	0	3	26	0	0
5000	9	4	296	162	0	0	54	89	0	0
CUT MO.	21	399	350	2119	1	880	88	565	0	0
CUT YTD	121	1413	1434	11512	7	947	615	5983	1	74
1011	0	8	0	29	0	0	0	254	0	0
3568	0	0	0	0	0	0	2	46	0	0
3569	8	2	0	0	0	0	68	26	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	3	38	0	0	0	0	0	0
3578	0	0	0	0	0	0	5	170	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	14	310	0	0	2	16	0	0
3588	0	0	1	18	0	0	0	0	0	0
3589	0	0	6	104	0	0	0	0	0	0
3590	1	62	1	41	0	0	5	1136	0	0
3594	0	0	0	0	0	0	2	258	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	8	558	0	0	7	166	0	0
FRM MO.	9	72	33	1098	0	0	91	2072	0	0
FRM YTD	38	909	179	5951	2	52	793	9258	4	612
TOT MO.	30	471	383	3217	1	880	179	2637	0	0
TOT YTD	159	2322	1613	17463	9	999	1408	15241	5	686

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	OTH	EUROPE	CANADA		MEXICO		OTH N & C		ARGENTINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	687	0	0	0	0	0	0
3204	0	0	2	190	1	40	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	406	0	0	0	0	0	0
3211	0	0	0	0	1	26	0	0	0	0
3216	0	0	1	100	0	0	0	0	0	0
3225	0	0	1	70	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	1	68	0	0	0	0
3249	0	0	1	88	0	0	0	0	0	0
3254	0	0	1	78	1	34	0	0	0	0
3255	0	0	0	0	2	160	0	0	0	0
3256	0	0	0	0	1	28	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	4	0	0	0	0	0	0
3264	0	0	2	400	0	0	0	0	0	0
3266	0	0	4	853	1	12	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	11	91	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	126	3	44	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	19	551	0	0	0	0
3503	0	0	0	0	1	122	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	2	479	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	4	78	1	16	0	0	0	0
3511	1	130	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	46	0	0	0	0	0	0
3518	0	0	3	33	7	70	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	4	372	0	0	0	0
3528	0	0	1	29	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	8	47	8	48	0	0	0	0
3532	0	0	1	6	8	39	0	0	0	0
3533	0	0	2	14	0	0	0	0	0	0
3538	0	0	2	887	15	141	0	0	0	0
3541	0	0	2	49	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	4	1	4	0	0	0	0
3546	0	0	2	25	11	75	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	6	51	2	106	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	21	0	0	0	0	0	0
3559	0	0	1	27	0	0	0	0	0	0
3565	0	0	14	91	19	266	2	9	1	194
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	37	8	61	0	0	0	0
4000	5	14	38	474	404	989	7	6	0	0
5000	15	13	2050	697	199	189	10	10	0	0
CUT MO	21	157	2160	6097	729	3552	19	25	1	194
CUT YTD	159	1257	5610	28605	2361	17846	219	371	46	809
1011	0	7	0	880	0	23	0	14	0	0
3568	0	0	10	612	12	532	2	31	0	0
3569	0	0	339	204	60	56	0	0	0	0
3571	0	0	8	1728	0	0	0	0	0	0
3573	0	0	2	37	9	140	0	0	0	0
3575	1	15	4	117	10	196	3	11	0	0
3578	0	0	3	90	1	75	0	0	0	0
3582	0	0	4	118	2	17	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	18	33	447	4	83	0	0	0	0
3588	0	0	0	0	5	87	0	0	0	0
3589	2	73	0	0	4	160	0	0	0	0
3590	0	0	6	139	54	714	1	6	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	1	33	2	23	3	51	0	0
3598	1	13	9	187	9	277	0	0	1	18
FRM MO	6	126	419	4792	172	2383	9	113	1	18
FRM YTD	72	1213	1999	22840	1075	12923	24	361	23	578
IDT MO	27	283	2579	10889	901	5935	28	138	2	212
TOT YTD	231	2470	7609	51445	3436	30769	243	752	69	1387

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	2	80	0	0
3045	0	0	0	0	5	692	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	179	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	45	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	3	225	0	0	1	35	0	0	0	0
3276	0		0	0	0	0	0	0	0	0
3277	0	0	0	0	2	27	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	201
3503	1	171	0	0	0	0	0	0	2	2566
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	17	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	45	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	17	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	11	1	245
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	433
3544	0	0	0	0	0	0	0	0	1	73
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	4	28	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	8	0	0	0	0	0	0
4000	1	140	33	218	7	778	19	48	0	0
5000	21	27	39	40	1811	277	21	18	1	2
CUT MO	27	742	75	328	1832	1854	45	202	8	3520
CUT YTD	69	2611	107	1110	2218	6773	122	845	174	9397
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	5	25	2	42	0	0	0	0
3569	0	0	9	8	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	30	0	0	0	0	1	4	0	0
3578	0	0	0	0	2	82	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	3	71	0	0	5	1068	0	0	0	0
3589	0	0	0	0	0	0	0	0	2	240
3590	0	0	0	0	0	0	1	18	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	130	1	50	0	0	0	0	0	0
FRM MO	5	231	15	83	9	1192	2	22	2	240
FRM YTD	31	2668	25	401	110	3916	22	306	34	2631
TOT MO	32	973	90	411	1841	3046	47	224	10	3760
TOT YTD	100	5279	132	1511	2328	10689	144	1151	208	12028

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	535
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	83
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	2	143
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	14
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	1	390	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	30	0	0	0	0	1	62
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	50	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	510
3529	0	0	1	34	0	0	0	0	1	30
3531	2	11	0	0	0	0	0	0	1	18
3532	0	0	1	18	0	0	0	0	0	0
3533	8	94	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	2	468
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	37	0	0
3553	0	0	0	0	0	0	0	0	5	101
3559	1	11	0	0	0	0	0	0	0	0
3565	1	20	3	53	0	0	0	0	1	19
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	56
4000	1	27	4	102	0	0	1	3	15	95
5000	3	5	1	2	0	0	0	0	233	145
CUT MO	17	558	13	289	0	0	2	40	267	2279
CUT YTD	174	1050	124	1448	26	289	84	3360	985	10171
1011	0	6	0	18	0	0	0	12	0	58
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	10	19
3571	0	0	0	0	0	0	2	675	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	0	0	0	0	5	115	4	152
3578	0	0	0	0	0	0	0	0	1	27
3582	4	823	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	32	0	0	0	0	0	0	4	465
3588	0	0	0	0	0	0	1	63	0	0
3589	0	0	6	195	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	5	1317
3594	0	0	1	454	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	9	220	6	161	0	0	0	0	5	179
FRM MO	15	1089	13	828	0	0	8	865	29	2217
FRM YTD	79	2263	23	1203	6	285	14	1810	206	15624
TOT MO	32	1647	26	1117	0	0	10	905	296	4496
TOT YTD	253	3313	147	2651	32	574	98	5170	1201	25795

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674:	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	35	0	0	0	0	0	0
3216	2	2315	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	1	27	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	23	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	308	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3279	0	0	0	0	1	12	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	2	165	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	2	7	0	0
3511	1	75	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	406
3529	2	72	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	53
3532	2	37	0	0	0	0	0	0	5	68
3533	0	0	0	0	0	0	2	68	1	37
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	1	4	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	3	34	0	0	0	0	0	0	1	56
3565	0	0	0	0	0	0	0	0	0	0
3566	5	1061	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	119
4000	12	270	0	0	0	0	8	19	8	60
5000	0	0	0	0	28	42	66	53	94	12
CUT MO	32	4364	1	35	29	54	79	174	112	811
CUT YTD	379	19171	71	490	179	438	272	2820	330	3065
1011	0	0	0	0	0	0	0	25	0	16
3568	3	57	0	0	0	0	0	0	0	0
3569	0	0	0	0	3	3	58	48	0	0
3571	1	95	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	1	175
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	5	104	0	0	0	0	0	0	0	0
3588	2	54	0	0	0	0	4	381	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	3	815	0	0	0	0	0	0	2	119
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	1041	4	99	0	0	1	7	0	0
FRM MO	18	2174	4	99	3	3	63	461	3	310
FRM YTD	133	8366	5	127	18	103	111	1078	55	5433
TOT MO	50	6538	5	134	32	57	142	635	115	1121
TOT YTD	512	27537	76	617	197	541	383	3898	385	8498

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674:	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	402	0	0	0	0
3211	1	48	0	0	2	43	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	94	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	100	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	9	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	35	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	11	95	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	16	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	1	280	0	0	0	0
3565	0	0	1	31	0	0	1	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	20	0	0	1	50	0	0	0	0
5000	0	0	42	28	28	40	24	25	0	0
CUT MO	3	168	44	75	48	1048	25	32	0	0
CUT YTD	28	1886	146	1149	151	1774	55	99	2	9
1011	0	0	0	7	0	0	0	4	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	6	7	0	0	0	0
3571	0	0	0	0	1	103	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	24	387	2	74	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	7	114	21	244	2	1638	0	0
3588	0	0	1	10	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	13	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	1795	0	0	0	0
FRM MO	0	0	32	518	32	2236	2	1642	0	0
FRM YTD	10	546	118	4273	127	4592	10	1724	0	0
TOT MO	3	168	76	593	80	3284	27	1674	0	0
TOT YTD	38	2432	264	5422	278	6366	65	1823	2	9

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

674	EGYPT UNITS	EGYPT $000	REP S AFR UNITS	REP S AFR $000	OTH AFRICA UNITS	OTH AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	2	10	0	0
3532	0	0	8	82	0	0
3533	0	0	0	0	0	0
3538	0	0	1	120	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	1	3	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	61	92	0	0
CUT MO	0	0	73	307	0	0
CUT YTD	1	227	162	892	4	26
1011	0	6	0	25	0	16
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	1	109
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO	0	6	0	25	1	125
FRM YTD	0	9	11	58	6	1193
TOT MO	0	6	73	332	1	125
TOT YTD	1	236	173	950	10	1219

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	2	73	2	73
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	11	10	1	22	12	32
GIBRALTAR	0	0	0	0	0	0
GREECE	5	7	0	0	5	7
HUNGARY	0	0	0	0	0	0
ICELAND	4	10	0	0	4	10
MALTA	0	0	0	0	0	0
NORWAY	0	0	2	18	2	18
PORTUGAL	1	130	1	13	2	143
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	21	157	6	126	27	283
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	8	6	0	0	8	6
BARBADOS	1	2	0	0	1	2
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	5	52	5	52
DOMINICAN REP	7	11	0	0	7	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	3	6	1	10	4	16
HAITI	0	0	1	35	1	35
HONDURAS	0	0	2	14	2	14
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	2	0	2
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	19	25	9	113	28	138
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	25	109	2	22	27	131
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	1	45	0	0	1	45
SURINAM	0	0	0	0	0	0
URAGUAY	19	48	0	0	19	48
OTHER S. AM	0	0	0	0	0	0
TOTAL	45	202	2	22	47	224
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	4	3	1	8	5	11
BANGALDESH	0	0	0	4	0	4
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	19	13	0	0	19	13
LEBANON	0	0	0	0	0	0
MALAYSIA	19	12	18	318	37	330
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	6	109	6	109
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	2	47	7	79	9	126
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	44	75	32	518	76	593
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	16	0	16
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	1	109	1	109
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	1	125	1	125

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.